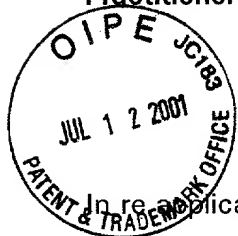


RP

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Olli Aaltonen et al.**

Application No.: **09/804,486**

Group No.: 2661

Filed: March 12, 2001

Examiner: **N/A**

For: **MOBILE PHONE FEATURING AUDIO-MODULATED VIBROTACTILE MODULE**

Box Non-Fee Amendment

Assistant Commissioner for Patents
Washington, DC 20231

SUPPLEMENTAL AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is
- ☐ a small entity. A statement:
 - ☐ is attached.
 - ☐ was already filed.
 - ☒ other than a small entity.

CERTIFICATE OF MAILING/TRANSMISSION UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is, on the date shown below, being:

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☐ deposited with the United States Postal Service with sufficient postage as first-class mail, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Date: 7/10/01

FACSIMILE

☐ transmitted by facsimile to the
U.S. Patent and Trademark Office.

Heidi H Schotten
Signature

Heidi H. Schotten
(type or print name of person certifying)

EXTENSION OF TERM

NOTE: "Extension of Time in Patent Cases (Supplement Amendments) - If a timely and complete response has been filed after a Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional amendment after expiration of the shortened statutory period.

If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run." Notice of December 10, 1985 (1061 O.G. 34-35).

NOTE: See 37 C.F.R. §1.645 for extensions of time in interference proceedings, and 37 C.F.R. §1.550(c) for extensions of time in reexamination proceedings.

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. §1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☐ Applicant petitions for an extension of time under 37 C.F.R. §1.136 (fees: 37 C.F.R. §1.17(a)(1)-(4)) for the total number of months checked below:

<u>Extension (months)</u>	<u>Fee for other than small entity</u>	<u>Fee for small entity</u>
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 390.00	\$195.00
<input type="checkbox"/> three months	\$ 890.00	\$445.00
<input type="checkbox"/> four months	\$1,390.00	\$695.00

Fee: \$ _____

If an additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

- ☐ An extension for _____ months has already been secured. The fee paid therefor of \$ _____ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ _____

OR

- (b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. §1.16(b)-(d)) has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL:	MINUS	= 0	x\$9 = \$			x18 = \$	
INDEP:	MINUS	= 0	x\$40 = \$			x80 = \$	
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			+ \$ 135 = \$			+ \$270 = \$	
				TOTAL ADDL. FEE	\$	TOTAL ADDL. FEE	\$ 0.00

WARNING: "After final rejection or action (§1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 C.F.R. §1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

(c) ☒ No additional fee for claims is required.

OR

(d) ☐ Total additional fee for claims required is \$_____.

FEE PAYMENT

5. ☐ Attached is a check in the sum of \$_____.

☐ Charge Account No. _____ the sum of \$_____. A duplicate of this transmittal is attached.

09804486-06101

FEE DEFICIENCY

NOTE: If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986 (1065 O.G. 31-33).

6. ☒ If any additional extension and/or fee is required, charge Account No. 23-0442.

AND/OR

- ☒ If any additional fee for claims is required, charge Account No. 23-0442.



SIGNATURE OF PRACTITIONER

William J. Barber

Attorney for Applicant(s)

Reg. No.: 32,720

Telephone No.: (203) 261-1234

Customer No.: 004955

Ware, Fressola, Van Der Sluys & Adolphson LLP
Bradford Green, Building Five
755 Main Street, P.O. Box 224
Monroe, Connecticut 06468



PATENT
WFVA/Nokia File Nos.: 944-003.069/32287

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Olli Aaltonen et al.

Serial No.: 09/804,486 : Examiner: N/A

Filed: March 12, 2001 : Group Art Unit: 2661

For: **MOBILE PHONE FEATURING AUDIO-MODULATED VIBROTACTILE MODULE**

Honorable Assistant Commissioner for Patents
Washington D.C. 20231
Box Non-Fee Amendment

RECEIVED
JUL 17 2001
Technology Center 20

SUPPLEMENTAL AMENDMENT

Sir:

This is a Supplemental Amendment to an Amendment submitted on June 18, 2001, which is submitted to amend the specification in conformity to the new regulations.¹

Also attached hereto are amendments to the specification on pages 3-4 shown in underlining and brackets.

¹ I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Heidi H. Schotten
Heidi H. Schotten

July 10, 2001
Date

09804486-069101

IN THE SPECIFICATION

Please amend the specification as follows:

Delete the paragraph bridging pages 8-9, and substitute the following:

--The mobile phone 10 includes a signal processor 13 connected to a radio access network module 14 having an antenna 16, a display module 18, an audio module 20, a microphone 22, a read only memory 24 (ROM or EPROM), a keyboard module 26 and a random access memory 28 (RAM), which are all known in the art. The operation of the signal processor 13 in relation to the aforementioned elements is also known in the art. Moreover, the scope of the invention is not intended to be limited to any particular kind or type of these elements. For example, the scope of the invention is intended to include the radio access network module 14 being an antenna module 14, a radio frequency (RF) module, a radio modem or the like.--.

Serial No.: 09/804,486

Delete the paragraph on page 9, lines 13-19, and substitute the following:

--The signal processor 13 is also connected to an audio-modulated vibrotactile module 30. The whole thrust of the invention relates to the operation of the audio-modulated vibrotactile module 30 with respect to the voice modulation of incoming speech into a vibrotactile sensation that can be sensed by the user of the mobile phone 10.--.

Serial No.: 09/804,486

REMARKS

Kindly disregard the amendments of the June 18th amendment,
and enter the aforementioned proposed amendments.

Reconsideration and allowance of the patent application is
respectfully requested.

Respectfully submitted,



William J. Barber
Attorney for the Applicants
Registration No. 32,720

WJB/hhs

July 10, 2001
WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
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09804486-062101



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JUL 17 2001

Technology Center 2600

Serial No.: 09/804,486

AMENDMENTS TO SPECIFICATION WITH UNDERLINING AND BRACKETING

Paragraph Bridging Pages 8-9

The mobile phone 10 includes a signal processor 13 [12] connected to a radio access network module 14 having an antenna 16, a display module 18, an audio module 20, a microphone 22, a read only memory 24 (ROM or EPROM), a keyboard module 26 and a random access memory 28 (RAM), which are all known in the art. The operation of the signal processor 13 [12] in relation to the aforementioned elements is also known in the art. Moreover, the scope of the invention is not intended to be limited to any particular kind or type of these elements. For example, the scope of the invention is intended to include the radio access network module 14 being an antenna module 14, a radio frequency (RF) module, a radio modem or the like.

Page 9, lines 13-19

The signal processor 13 [12] is also connected to an audio-modulated vibrotactile module 30. The whole thrust of the invention relates to the operation of the audio-modulated vibrotactile module 30 with respect to the voice modulation of incoming speech into a vibrotactile sensation that can be sensed by the user of the mobile phone 10.



Attorney's Docket No. 944-003.069

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Olli Aaltonen et al.

Serial No.: 09 / 804,486

Group No.: 2661

Filed: March 12, 2001

Examiner: N/A

For: Mobile Phone Featuring Audio-Modulated Vibrotactile Module

Box Missing Parts

Assistant Commissioner for Patents

Washington, D.C. 20231

SUBMISSION OF PROPOSED DRAWING AMENDMENT
FOR APPROVAL BY EXAMINER (37 CFR 1.123)

Attached please find

(check applicable items)

☐ a sketch in permanent ink,

☒ a copy of the original drawing(s) with red ink markings,

showing the proposed changes to the drawing(s) in this application, for which the approval of the Examiner is requested.

SIGNATURE OF ATTORNEY

Reg. No.: 32,720

William J. Barber

(type or print name of attorney) WARE, FRESSOLA,
VAN DER SLUYS & ADOLPHSON LLP

Tel. No.: (203) 261-1234

P.O. Address 755 Main Street, P.O. Box 224

Monroe, Connecticut 06468-0224

NOTE: 37 CFR 1.123 indicates that "No change in the drawing may be made except by permission of the Office" and that "A sketch in permanent ink showing proposed changes to become part of the record, must be filed for approval by the Examiner and should be a separate paper."

NOTE: While drawings submitted under §§ 1.81, 1.83-1.85, 1.152, 1.165, 1.174, and 1.437 may not be filed by facsimile, proposed drawing corrections for approval may be submitted by facsimile transmission. Notice of Oct. 15, 1993, 58 Fed. Reg. 54,494-54,504, at 54,495.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8a)

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FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.

Signature

Debra A. Pongetti

(type or print name of person certifying)

Date: 6/18/01

(Submission of Proposed Drawing Amendment for Approval by Examiner (37 CFR 1.123) [9-16]—page 1 of 1)

09204486-062101

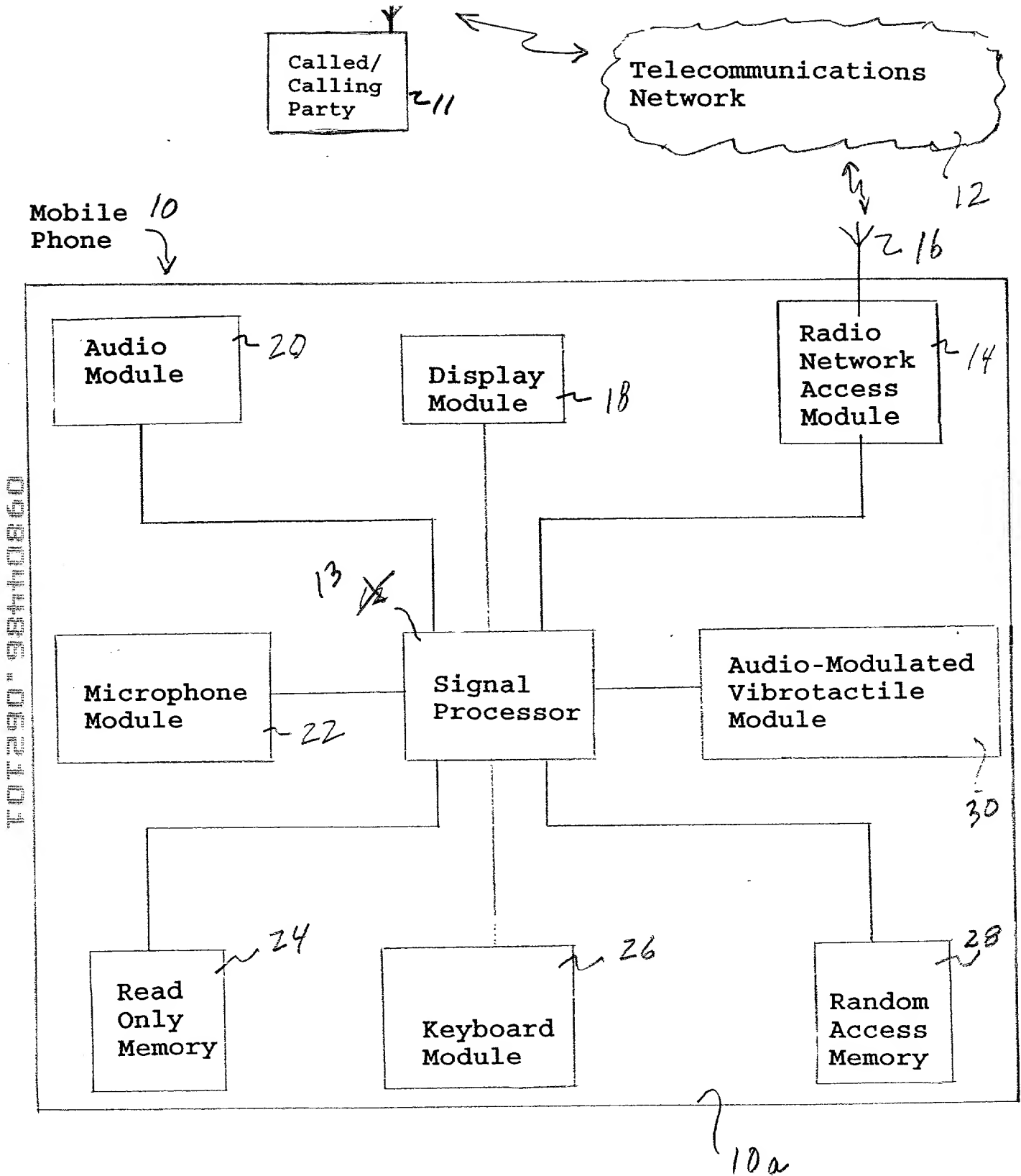
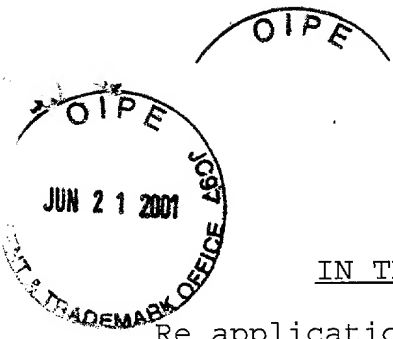


Figure 1



PATENT

WFVA/Nokia File Nos.: 944-003.069/32287

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Olli Aaltonen et al.

Serial No.: 09/804,486 : Examiner: N/A

Filed: March 12, 2001 : Group Art Unit: 2661

For: **MOBILE PHONE FEATURING AUDIO-MODULATED VIBROTACTILE MODULE**


Honorable Assistant Commissioner for Patents
Washington D.C. 20231
Box Missing Parts

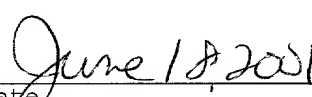
AMENDMENT ACCOMPANYING SUBMISSION OF PROPOSED
DRAWING CHANGE AND FORMAL DRAWING

Sir:

This is an amendment accompanying a submission of a proposed drawing change and a formal drawing with the correction therein.¹

¹ I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.


Debra A. Pongetto


Date

0940860-20010618

IN THE SPECIFICATION

Please amend the specification as follows:

Page 8, line 25, change "signal processor 12" to --signal processor 13--.

Page 9, line 5, change "signal processor 12" to --signal processor 13--.

Page 9, line 13, change "signal processor 12" to --signal processor 13--.

REMARKS

During preparation of the formal drawing, it was noticed that the reference numeral "12" was used for two different elements.

Enclosed is a proposed drawing change with changes in red ink marking. In particular, Figure 1 is amended to change the reference numeral "12" related to the signal processor to --13--.

The specification is amended on pages 8 and 9 to read consistent with the change to Figure 1.

A formal drawing is also submitted with this proposed change to Figure 1, as well as Figures 2 through 12 on A4 size paper with the minimum margin requirements of top: 2.5 cm, left side: 2.5 cm, right side: 1.5 cm, and bottom: 1 cm. These sheets are also numbered in consecutive arabic numerals (e.g. 1/4, 2/4, 3/4, ..., 7/7). The enclosed drawing also has durable black color, uniformly thick and well defined lines, and contain numbers,

SECRET

[illegible]

SECRET

SECRET

[illegible][illegible]

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SECRET

[illegible]

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[illegible]

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[illegible]

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[illegible]